

Contributors to this Issue

H. A. AFFEL, S.B. in Electrical Engineering, Massachusetts Institute of Technology, 1914; Research Assistant in Electrical Engineering, 1914-16. Engineering Department and the Department of Development and Research, American Telephone and Telegraph Company, 1916-34. Bell Telephone Laboratories, 1934-. Mr. Affel has been engaged chiefly in development work connected with carrier telephone and telegraph systems.

E. H. BEDELL, B.S., Drury College, 1924; University of Missouri, 1924-25. Bell Telephone Laboratories, Acoustical Research Department, 1925-. Mr. Bedell's work has had to do mainly with studies of sound absorption and transmission and allied subjects in the field of architectural acoustics.

ARTHUR G. CHAPMAN, E.E., University of Minnesota, 1911. General Electric Company, 1911-13. American Telephone and Telegraph Company, Engineering Department, 1913-19, and Department of Development and Research, 1919-34. Bell Telephone Laboratories, 1934-. Mr. Chapman is in charge of a group engaged in developing methods for reducing crosstalk between communication circuits, both open wire and cable, and evaluating effects of crosstalk on telephone and other services.

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FREDERICK S. GOUCHER, A.B., Acadia University, 1909; A.B., Yale University, 1911; M.A., Yale, 1912; Ph.D., Columbia University, 1917. Western Electric Company, 1917-18. University College, London, 1919. Research Laboratories, General Electric Company, Limited, North Wembley, England, 1919-26. Bell Telephone Laboratories, 1926-. Dr. Goucher has been engaged in a study of the carbon microphone.

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W. B. SNOW, A.B., Stanford University, 1923; E.E., 1925. Engineering Department, Western Electric Company, 1923-24. Acoustical research, Bell Telephone Laboratories, 1925-. Mr. Snow has been engaged in articulation testing studies and investigations of speech and music quality.

J. C. STEINBERG, B.Sc., M.Sc., Coe College, 1916, 1917. U. S. Air Service, 1917-19. Ph.D., Iowa University, 1922. Engineering Department, Western Electric Company, 1922-25; Bell Telephone Laboratories, 1925-. Dr. Steinberg's work since coming with the Bell System has related largely to speech and hearing.

A. L. THURAS, B.S., University of Minnesota, 1912; E.E., 1913. Laboratory assistant with U. S. Bureau of Standards, 1913-16. Graduate student in physics, Harvard, 1916-17. Bell Telephone Laboratories, 1920-. At the Laboratories, Mr. Thuras has worked on the study and development of electro-acoustic devices and instruments.

E. C. WENTE, A.B., University of Michigan, 1911; S.B. in Electrical Engineering, Massachusetts Institute of Technology, 1914; Ph.D., Yale University, 1918. Engineering Department, Western Electric Company, 1914-16 and 1918-24; Bell Telephone Laboratories, 1924-. As Acoustical Research Engineer, Dr. Wente has worked principally on general acoustic problems and on the development of special types of acoustic devices.